

IN THE CLAIMS

Please amend the claims as follows.

1. (Currently amended) A method for controlling screens in an electronic device having a display and a plurality of application programs, each application program having associated with it a plurality of screens, the method comprising ~~the steps of:~~
establishing a link between a user interface control of the device and commands in the application programs using a control file coupled to a software bus;
detecting at the software bus user activation of a the user interface control represented on the display, the display displaying a representation of a first screen that corresponds to execution of a first application program, the representation of the first screen including a representation of the user interface control, the user interface control associated with one and only one of a plurality of commands and included in one of the plurality of screens;
matching a command to the activation of the user interface control associated with the command in response to an indication of the command listed in a the control file with indications of the plurality of commands;
one of a plurality of object methods, each associated with one and only one of the plurality of commands, responding to a match between the command listed in the control file and the activation of the user interface control; and
starting execution of a second application program in response to a command of at least one of the control file and the software bus, and changing the display from displaying a representation of the first screen to displaying a representation of a second screen in response to the object method, wherein the second screen corresponds to the second application program.

2. (Currently amended) The method ~~claimed in~~ claim 1, wherein:
~~the first screen is associated with a first application program;~~
~~the second screen is associated with a second application program; and~~

4 ———the object method invoked by activation of the user interface control of the first
5 screen is included in the second application program.

1 3. (Currently amended) The method ~~elaimed in~~of claim 1, wherein:
2 ———the first screen is associated with a first application program;
3 ———the second screen is associated with the first application program; and
4 ———the object method invoked by activation of the user interface control of the first
5 screen is included in the first application program.

1 4. (Currently amended) The method ~~elaimed in~~of claim 1, wherein:
2 the file includes indications of a plurality of user interface control labels, each
3 associated with one of the indications of the plurality of commands; and
4 the representation of the user interface control on the display includes one of the
5 plurality of user interface control labels.

1 5. (Currently amended) The method ~~elaimed in~~of claim 1, wherein the step of
2 detecting user activation of a user interface control comprises:
3 creating a plurality of bus listeners as components of the software bus, at least one
4 bus listener of the plurality of bus listeners corresponding to each user interface control,
5 each bus listener having a corresponding address;
6 storing a value listed in the control file in an address listed in the control file, the
7 value and address each associated with the command associated with the user interface
8 control; and
9 a bus listener having the address associated with the command responding to a
10 change in value stored in the address associated with the command by invoking the
11 command.

1 6. (Currently amended) The method ~~elaimed in~~of claim 5, wherein:
2 ———the first screen is associated with a first application program;
3 ———the second screen is associated with a second application program;

the object method invoked by activation of the user interface control of the first screen is included in the second application program; and

the bus listener having the address associated with the command responds to a change in value by invoking a command changing from the first screen to the second screen.

Claims 7-14 (canceled).

15. (Currently amended) An electronic device, comprising:

a display;

a memory in which is storable an object framework, a control file, ~~and~~ a plurality of application programs, and a software bus coupled to the control file and the application programs, each application program having associated with it a plurality of screens, the control file defining interrelationships of screens and user interface controls; and

a processor programmed to effect a method using the object framework comprising ~~the steps of:~~

establishing a link between the user interface controls and commands in the application programs using the control file;

detecting at the software bus user activation of a user interface control represented on the display, the display displaying a representation of a first screen that corresponds to execution of a first application program, the representation of the first screen including a representation of the user interface control, the user interface control associated with one and only one of a plurality of commands and included in one of the plurality of screens;

matching a command to the activation of the user interface control associated with the command in response to an indication of the command listed in the control file with indications of the plurality of commands;

one of a plurality of object methods, each associated with one and only one of the plurality of commands, responding to a match between the command listed in the control file and the activation of the user interface control; and

starting execution of a second application program in response to a command of at least one of the control file and the software bus, and changing the display from

24 displaying a representation of the first screen to displaying a representation of a second
25 screen in response to the object method, wherein the second screen corresponds to the
26 second application program.

1 16. (Currently amended) The device ~~claimed in~~of claim 15, wherein:
2 ~~the first screen is associated with a first application program;~~
3 ~~the second screen is associated with a second application program; and~~
4 the object method invoked by activation of the user interface control of the first
5 screen is included in the second application program.

1 17. (Currently amended) The device ~~claimed in~~of claim 15, wherein:
2 ~~the first screen is associated with a first application program;~~
3 ~~the second screen is associated with the first application program; and~~
4 the object method invoked by activation of the user interface control of the first
5 screen is included in the first application program.

1 18. (Currently amended) The device ~~claimed in~~of claim 15, wherein:
2 the file includes indications of a plurality of user interface control labels, each
3 associated with one of the indications of the plurality of commands; and
4 the representation of the user interface control on the display includes one of the
5 plurality of user interface control labels.

1 19. (Currently amended) The device ~~claimed in~~of claim 15, wherein the processor
2 ~~effecting the step of~~ detecting user activation of a user interface control comprises:
3 creating a plurality of bus listeners as components of the software bus, at least one
4 bus listener of the plurality of bus listeners corresponding to each user interface control,
5 each bus listener having a corresponding address;
6 storing a value listed in the control file in an address listed in the control file, the
7 value and address each associated with the command associated with the user interface
8 control; and

9 a bus listener having the address associated with the command responding to a
10 change in value stored in the address associated with the command by invoking the
11 command.

1 20. (Currently amended) The device ~~claimed in~~of claim 19, wherein:
2 ~~the first screen is associated with a first application program;~~
3 ~~the second screen is associated with a second application program;~~
4 the object method invoked by activation of the user interface control of the first
5 screen is included in the second application program; and
6 the bus listener having the address associated with the command responds to a
7 change in value by invoking a command changing from the first screen to the second
8 screen.

1 21. (Currently amended) The device ~~claimed in~~of claim 15, further comprising:
2 a personal digital assistant-sized case; and
3 a wireless data communication interface for communicating data with a remote
4 device.

1 22. (New) The method of claim 1, further comprising configuring the control file in
2 accordance with the plurality of application programs, wherein the configuring is
3 performed during at least one of placement of the device in a powered state, initialization
4 of the device, resetting of the device, login events of the device.

1 23. (New) The method of claim 1, wherein the software bus comprises a plurality of
2 content holders, wherein content of each content holder is associated with a different one
3 of the application programs, wherein the software bus via the content holders invokes
4 execution of an application program as appropriate to an activated user interface control.

1 24. (New) The device of claim 15, further comprising the processor configuring the
2 control file in accordance with the plurality of application programs, wherein the

3 configuring is performed during at least one of placement of the device in a powered
4 state, initialization of the device, resetting of the device, login events of the device.

1 25. (New) The device of claim 15, wherein the software bus comprises a plurality of
2 content holders, wherein content of each content holder is associated with a different one
3 of the application programs, wherein the software bus via the content holders invokes
4 execution of an application program as appropriate to an activated user interface control.